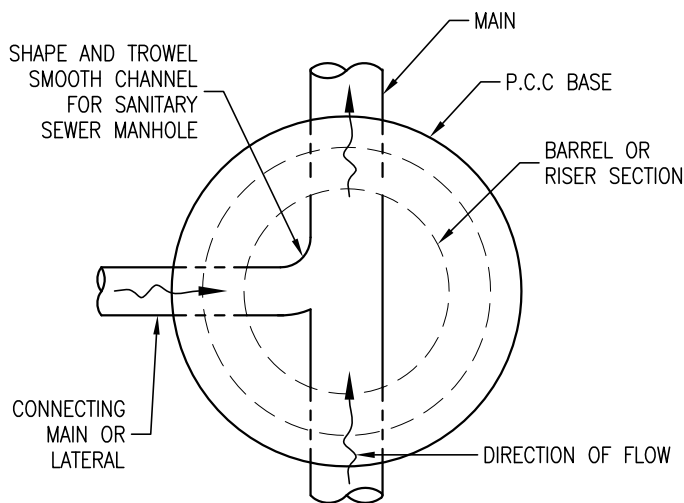


CONCENTRIC MANHOLE – ELEVATION VIEW
NO SCALE



BOTTOM VIEW
NO SCALE

NOTES:

1. MANHOLE BASE SHALL BE POURED ON UNDISTURBED GROUND. IF OVER EXCAVATION OCCURS BELOW MANHOLE BASE, BACKFILL WITH CONCRETE. AN APPROVED 'IMPRESSION RING' MUST BE USED TO FORM KEYWAY FOR MANHOLE BARREL SECTION.
2. INTERSECTING LATERALS' AND MAINS' CROWNS SHALL MATCH.
3. ALL JOINTS SHALL BE SEALED WITH "RAMNEK" OR APPROVED EQUAL.
4. CENTER OF ECCENTRIC MANHOLE COVER SHALL BE LOCATED OVER THE CENTER OF THE MAIN ON THE UPSTREAM SIDE.
5. TYPE V PORTLAND CEMENT FOR SANITARY SEWER STRUCTURES AND TYPE II PORTLAND CEMENT FOR STORM DRAIN STRUCTURES.
6. BELL END OF PIPE SHALL BE 12" MAX. FROM WALL OF MANHOLE
7. THIS DESIGN IS USABLE FOR PIPES UP TO 39" DIA. ONLY.
8. ALL SANITARY SEWER MANHOLES SHALL BE LINED WITH INTEGRALLY LOCKING PVC (T-LOCK) OR APPROVED EQUAL. ALL T-LOCK LINER JOINTS MUST BE WELDED WITH 1" WELD STRIP. GRADE RINGS SHALL BE PVC LINED VIA THE MANHOLE TOPPER BY AMERON OR APPROVED EQUAL. SEE DETAIL SS-6.
9. BACKFILL AROUND THE MANHOLE AND ANY NEW OR EXISTING PIPE CONNECTION(S) SHALL CONFORM TO DETAIL ST-24.



DRAWN BY: K. TRAN

CHECKED BY: F. AMIN

APPROVED BY: F. AMIN

DATE: JANUARY 2016

MANHOLE

CITY OF SANTA CLARA

DS-1

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